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10883 U.S. PTO

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	112025-020
First Inventor or Application Identifier	Marco Di Benedetto et al.
Title	RESTARTABLE SPANNING TREE FOR HIGH AVAILABILITY NETWORK SYSTEMS
Express Mail Label No.	EL705602029US

APPLICATION ELEMENTS  
See MPEP chapter 600 concerning utility application contentsADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **42**]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) [Total Sheets **12**]
4. Oath or Declaration [Total Pages **1**]
- a. ☒ Newly executed (original copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 below)
- DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (Identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is ☒ Power of Attorney an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- \*Small Entity
14. ☐ Statement(s) ☐ Statement filed in prior application, Status still proper and desired  
(PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner Group/Art Unit:

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  or ☐ Correspondence address below

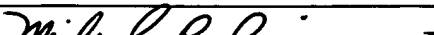
(Insert Customer Number)

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PATENT TRADEMARK OFFICE

Name	Michael R. Reinemann				
Address	Cesari and McKenna 88 Black Falcon Avenue				
City	Boston	State	MA	Zip Code	02210
Country	U. S. A.	Telephone	(617) 951-2500	Fax	(617) 951-3927

Name (Print/Type)	Michael R. Reinemann	Registration No. (Attorney/Agent)	38,280
Signature		Date	August 23, 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Marco Di Benedetto et al. )  
Serial No.: Not Yet Assigned ) Examiner: Not Yet Assigned  
Filed: August 23, 2000 )  
For: RESTARTABLE SPANNING TREE ) Art Unit: Not Yet Assigned  
FOR HIGH AVAILABILITY )  
NETWORK SYSTEMS )  
Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 23, 2000

**EXPRESS-MAIL DEPOSIT**

"Express Mail" Mailing-Label Number: EL705602029US

The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Patent Application ( 42 pages including 29 claims )  
X Oath or Declaration X Fee Transmittal Letter  
X Utility Patent Application Transmittal Letter X Assignment With Recordation Form  
Cover Sheet  
X Informal Drawing ( 12 sheets ) X Check No. for \$930.00  
X Check for \$40.00 X Express Mail Deposit

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	August 23, 2000
First Named Inventor	Marco Di Benedetto et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	112025-0201

TOTAL AMOUNT OF PAYMENT (\$) 970

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **03-1237**

Deposit Account Name **Cesari and McKenna, LLP**

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money ☐ Other Order

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	790 201	395		Utility filing fee	690
106	330 206	165		Design filing fee	
107	540 207	270		Plant filing fee	
108	790 208	395		Reissue filing fee	
114	150 214	75		Provisional filing fee	
SUBTOTAL (1) (\$)					690

#### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
29	20**	9	162
4	3**	1	78
			0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$) 240

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	130 205	65		Fee Surcharge - late filing fee or oath	
127	50 227	25		Surcharge - late provisional filing fee or cover sheet	
139	130 139	130		Non-English Specification	
147	2,520 147	2,520		For filing a request for reexamination	
112	920 112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840 113	1,840*		Requesting publication of SIR after Examiner action	
115	110 215	55		Extension for reply within first month	
116	400 216	200		Extension for reply within second month	
117	950 217	475		Extension for reply within third month	
118	1,510 218	755		Extension for reply within fourth month	
128	2,060 128	1,030		Extension for reply within fifth month	
119	310 219	155		Notice of Appeal	
120	310 220	155		Filing a brief in support of an appeal	
121	270 221	135		Request for oral hearing	
138	1,510 138	1,510		Petition to institute a public use proceeding	
140	110 240	55		Petition to revive - unavoidable	
141	1,320 241	660		Petition to revive - unintentional	
142	1,320 242	660		Utility Issue fee (or reissue)	
143	450 243	225		Design Issue fee	
144	670 244	335		Plant Issue fee	
122	130 122	130		Petitions to the Commissioner	
123	50 123	50		Petitions related to provisional applications	
126	240 126	240		Submission of Information Disclosure Stmt	
581	40 581	40		Recording each patent assignment per property (times number of properties)	40
146	790 246	395		Filing a submission after final rejection (37 CFR 1.129(a))	
149	790 249	395		For each additional invention to be examined (37 CFR 1.129(b))	
SUBTOTAL (3) (\$)					40

Other (specify)  
Other fee (specify)

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or Printed Name

Michael R. Reinemann

Signature

*Michael R. Reinemann*

Date

August 23, 2000

### Complete (if applicable)

Reg. Number

38,280

Deposit Account User ID